

Constituent	Sediment Concentration (mg/kg dry weight)	KIF-ERM.VB.4_H.H-RA-111609 [mean] (Downstream)									
		<i>C. fluminea</i> Concentrations (mg/kg wet weight) TREATED					Bioaccumulation Factors (BAFs) TREATED				
		CB.W.C.01-MS	CB.W.C.02-MS	CB.W.C.03-MS	CB.W.C.04-MS	CB.W.C.05-MS	CB.W.C.01-MS	CB.W.C.02-MS	CB.W.C.03-MS	CB.W.C.04-MS	CB.W.C.05-MS
Aluminum	24,333	3.7	2.6	8.2	4.4	2.1	0.000152	0.000107	0.000337	0.000181	0.0000863
Antimony	14.0	0.021	0.02	0.018	0.019	0.02	0.0015	0.00143	0.00128	0.00136	0.00143
Arsenic	96.6	0.49	0.48	0.35	0.46	0.37	0.00507	0.00497	0.00362	0.00476	0.00383
Barium	617	0.91	0.96	0.87	1.1	0.81	0.00148	0.00156	0.00141	0.00178	0.00131
Beryllium	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	81.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.4	0.073	0.071	0.051	0.054	0.048	0.0521	0.0507	0.0364	0.0385	0.0342
Calcium	9,032	299	310	262	274	220	0.0331	0.0343	0.029	0.0303	0.0244
Chromium	49.0	0.33	0.35	0.25	0.29	0.25	0.00673	0.00714	0.0051	0.00592	0.0051
Cobalt	19.3	0.11	0.11	0.077	0.084	0.076	0.00569	0.00569	0.00399	0.00435	0.00393
Copper	78.5	4.5	5.6	3.3	4.2	3.8	0.0573	0.0714	0.042	0.0535	0.0484
Iron	21,367	36.7	34.3	30.5	38.5	29.9	0.00172	0.00161	0.00143	0.0018	0.0014
Lead	31.7	0.057	0.054	0.054	0.058	0.052	0.0018	0.0017	0.0017	0.00183	0.00164
Magnesium	2,160	97.3	91.8	64	83.7	68.2	0.045	0.0425	0.0296	0.0388	0.0316
Manganese	88.2	1.5	1.8	1.1	3.3	1	0.017	0.0204	0.0125	0.0374	0.0113
Mercury	0.1	0.013	0.0097	0.01	0.014	0.01	0.0933	0.0696	0.0718	0.1	0.0718
Molybdenum	4.2	0.17	0.16	0.11	0.14	0.11	0.0402	0.0378	0.026	0.0331	0.026
Nickel	44.4	0.1	0.1	0.088	0.085	0.098	0.00225	0.00225	0.00198	0.00192	0.00221
Potassium	3,435	111	86.3	48.7	58.4	NA	0.0323	0.0251	0.0142	0.017	NA
Selenium	7.3	0.42	0.42	0.32	0.4	0.32	0.0576	0.0576	0.0439	0.0549	0.0439
Silver	1.4	0.0065	0.0062	0.0036	0.0047	0.0038	0.00464	0.00442	0.00257	0.00335	0.00271
Sodium	679.0	260	220	129	164	131	0.383	0.324	0.19	0.242	0.193
Strontium	NA	1.1	1.2	1.1	1.2	0.98	NA	NA	NA	NA	NA
Thallium	2.8	0.056	0.048	0.03	0.037	0.029	0.02	0.0171	0.0107	0.0132	0.0103
Vanadium	124	NA	NA	0.073	0.071	0.056	NA	NA	0.000591	0.000575	0.000453
Zinc	66	13.1	13.8	8.4	11.6	8.9	0.199	0.21	0.128	0.176	0.135

Note: Sediment concentrations were the mean concentrations for VB.4, treated ash.

BAF - Bioaccumulation Factor [kg body weight (wet weight) / kg sediment (dry weight)].

ND - Not detected above the sample quantitation limit.

NA - Not applicable; a BAF is not calculated if sediment concentrations or bioaccumulation concentrations are ND.